

METHOD FOR RECOVERING AN ORGANIC SOLVENT FROM A WASTE STREAM CONTAINING SUPERCRITICAL CO₂

ABSTRACT OF THE DISCLOSURE

5 An organic solvent is separated from a waste stream comprising supercritical CO₂,
an organic solvent and etchant contaminants. The process comprises separating the
supercritical CO₂ by subjecting the waste stream to elevated temperature and/or reduced
pressure to thereby obtain a first composition containing the supercritical CO₂ and a second
stream containing the organic solvent and being substantially free of the supercritical CO₂;
and then removing non-volatile etching contaminants from the second stream search as by at
least one of the following:

10 evaporation;
distillation;
filtration;
centrifugation;
and settling.